



Mobil SHC™ Chain 240

Mobil Industrial , Chile

High Temperature Chain Lubricant

Product Description

Mobil SHC Chain 240 is an exceptional performance chain lubricant designed for lubrication of high temperature conveyor chains at temperatures up to 290°C / 5! is designed to provide excellent wear protection and resistance to evaporation, thermo-oxidation and coking.

Features and Benefits

- Mobil SHC Chain 240 helps to:
- Provide a degree of equipment protection beyond the capabilities of conventional chain lubricants
  - Provide extra reassurance of trouble-free equipment protection at very high temperatures
  - Extend equipment life, reduce costs, improve total system performance
  - Prevent wear of chains, sprockets, and other system components
  - Reduce deposit formation thereby reducing chain sticking
  - Provide lasting lubrication of chains at high temperatures
  - Reduce lubricant consumption compared to conventional chain lubricants

Applications

- Mobil SHC Chain 240 is designed specifically for the lubrication of oven conveyor chains at temperatures up to 290°C (555º F). It is suitable for high temperature applications in:
- Fiber glass insulation manufacture
  - Particleboard (OSB , MSB) manufacture
  - Plastics and textiles manufacture
  - Paint oven operations

Properties and Specifications

| Property   |     |
|--|-----|
| Copper Corrosion, 3 Hrs @ 100C, Rating, ISO 2160                               | 1A  |
| Density @ 20C, kg/m3, ISO 12185  | 968 |
| Evaporation Loss, 6.5 h, 204 C, mass%, ASTM D972(mod)                          | 1   |
| Flash Point (COC), C, EN ISO 2592  | 290 |
| Foam, Sequence I, Stability, 24 C, ml, ISO 6247                                | 0   |
| Foam, Sequence I, Tendency, 24 C, ml, ISO 6247                                 | 50  |
| Four-Ball Extreme Pressure Test, Weld Load, kgf, ASTM D2783                    | 160 |
| Four-Ball Wear Test, Scar Diameter, 40 kg, 1200 rpm, 1 h, 75 C, mm, ASTM D4172 | 0.4 |
| Kinematic Viscosity @ 100 C, mm2/s, ISO 3104                                   | 19  |

| Property                                   |     |
|--|-----|
| Kinematic Viscosity @ 40C, mm2/s, ISO 3104 | 245 |
| Pour Point, °C, ISO 3016                   | -24 |
| Viscosity Index, ISO 2909                  | 86  |

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.as>  
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